

REVISED VERSION

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/047923 A2

(51) International Patent Classification⁷: **G01S 1/00** (74) Agent: HAMILTON, Jennifer, H.; The Eclipse Group, 10453 Raintree Lane, Northridge, CA 91326 (US).

(21) International Application Number:

PCT/US2004/028926

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:

2 September 2004 (02.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/499,961	2 September 2003 (02.09.2003)	US
60/546,816	23 February 2004 (23.02.2004)	US
60/547,385	23 February 2004 (23.02.2004)	US

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): SIRF TECHNOLOGY, INC. [US/US]; 148 E. Brokaw Road, San Jose, CA 95112 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): UNDERBRINK, Paul [US/US]; 25212 Calle Del Lago, Lake Forest, CA 92630 (US). FALK, Henry [IN/US]; 3150 Julian Avenue, Long Beach, CA 90808 (US). GRONEMEYER, Steven [US/US]; 5250 N. River Boulevard, Cedar Rapids, CA 52411 (US). DASANNACHARYA, Chittharanjan [IN/IN]; C-306 ATS Greens 1, Sector 50, Noida 201307 (IN). NORMAN, Charles [US/US]; 6071 Softwind Drive, Huntington Beach, CA 92647 (US). TSO, Robert [US/US]; 8034 Linwalt Street, Rosemead, CA 91770 (US). VANTALON, Nicolas [US/US]; 663 East McKinley Avenue, Sunnyvale, CA 94086 (US). PROTIC, Voya [US/US] (US).

Published:

— *with declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority*

(48) Date of publication of this revised version: 28 July 2005

(15) Information about Correction:

see PCT Gazette No. 30/2005 of 28 July 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/047923 A2

(54) Title: SIGNAL PROCESSING SYSTEM FOR SATELLITE POSITIONING SIGNALS

(57) Abstract: